

# Boyle Heights Clean Communities Pilot Project

*Working Together to  
Build Cleaner Communities*

**July 17, 2012**



# Boyle Heights Work Plan Structure



# Update on Technology, Funding, Projects, and Showcase



Technology,  
Funding,  
Projects,  
and  
Showcase

- **Boiler Retrofits**
  - County USC Medical for two boiler retrofits
    - ❖ Governing Board approved funding April 6, 2012
    - ❖ Currently working on contracts
  - Seeking additional candidates
- **Additional Yard Equipment Exchanges**
  - May 12: 140 lawn mowers exchanged
  - June 19 and 20: 343 leaf blowers exchanged

# Update on Technology, Funding, Projects, and Showcase

---



Technology,  
Funding,  
Projects,  
and  
Showcase

- Gas Log Program
  - Working with vendors to develop new outreach materials
  - Simplifying process for residents
  - Planning additional outreach

# Update on Technology, Funding, Projects, and Showcase

---



Technology,  
Funding,  
Projects,  
and  
Showcase

- Additional outreach materials developed for VOC projects
  - Green Cleaner Program
  - Super-Compliant Paint Program
  - Vehicle Repair Shop Brake Cleaning Program
  - Targeted Laser System for Auto Body Shops
- All VOC programs available for participation by qualifying candidates

# Update on Technology, Funding, Projects, and Showcase



Technology,  
Funding,  
Projects,  
and  
Showcase

- Air filtration systems installations completed at LAUSD schools
  - Sunrise Elementary
  - Second Street Elementary
  - Soto Elementary
- Schools in Archdiocese
  - Resurrection Elementary (completed June 2012)
  - Santa Isabel Elementary (to be completed July 9, 2012)
  - Santa Teresita Elementary (to be completed July 16, 2012)
  - Salesian High School electrical systems being evaluated for addition of HVAC and installation of high performance panel filters
- EPA Grant 109 funding for one school
- Unocal RFG funding awarded to Mothers of East L.A. for other schools



# Summary of 2011/2012 Grant Funding used in Boyle Heights Area



Technology,  
Funding,  
Projects,  
and  
Showcase

Program	Project	Progress
EPA Targeted Air Shed Grant Incentive Programs	Yard Equipment Exchanges	485 Electric Lawnmowers 544 Leaf Blowers
	Fireplace Gas Log Buy-Down	2 installed, working with manufacturers to develop new outreach for Fall 2012
	Boiler Retrofits	Economizers installed on 2 large boilers at County USC Medical
	VOC Reduction Programs	Trade groups assisting with outreach New outreach materials developed
EPA/AQMD Truck Replacement	ACE Beverage	Replaced 25 older heavy duty diesel trucks with newer, cleaner models
Air Filtration Systems at Schools	Mothers of East LA Air Filtration with AQMD consulting	Air filtration systems installed at 3 LAUSD elementary schools, 3 Archdiocese elementary schools, and evaluating Salesian High School for air conditioning and filtration

# Boyle Heights Working Group Bus Tour

- May 23, 2012
- Approximately 30 participants
- Toured Boyle Heights and surrounding areas
- Finished with lunch at Los Antojitos Restaurant



# Boyle Heights Bus Tour

- Air Filtration Systems at Schools



- Housing – Wyvernwood and Estrada Courts



# Boyle Heights Bus Tour (*cont.*)

- Community Spray Booth



- Facility Clusters



# Boyle Heights Bus Tour (cont.)

- 99 Cents Only Stores Warehouse



- Unmarked Businesses on Union Pacific and Pico

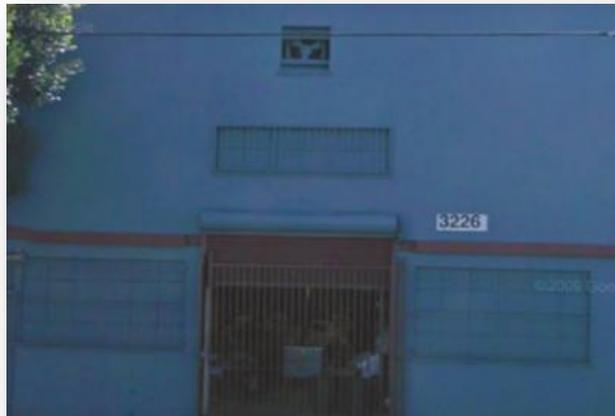


# Boyle Heights Bus Tour (cont.)

- Plating Facilities Near Residences

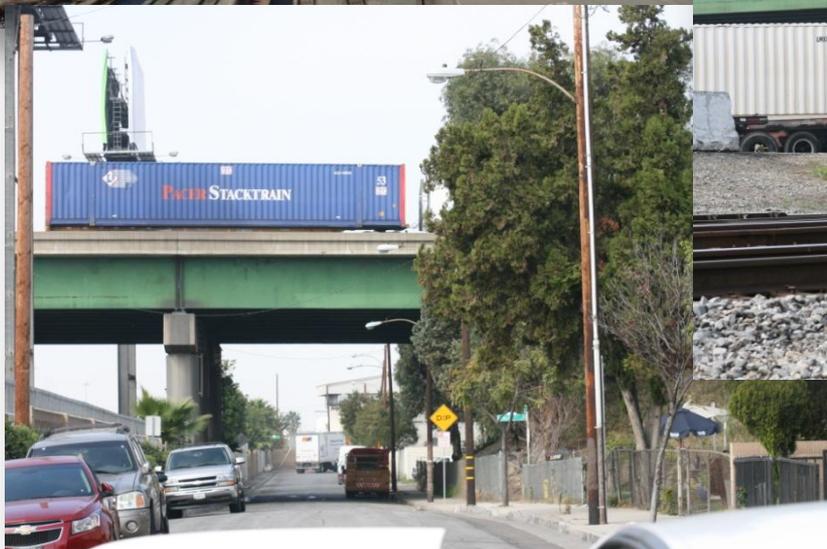
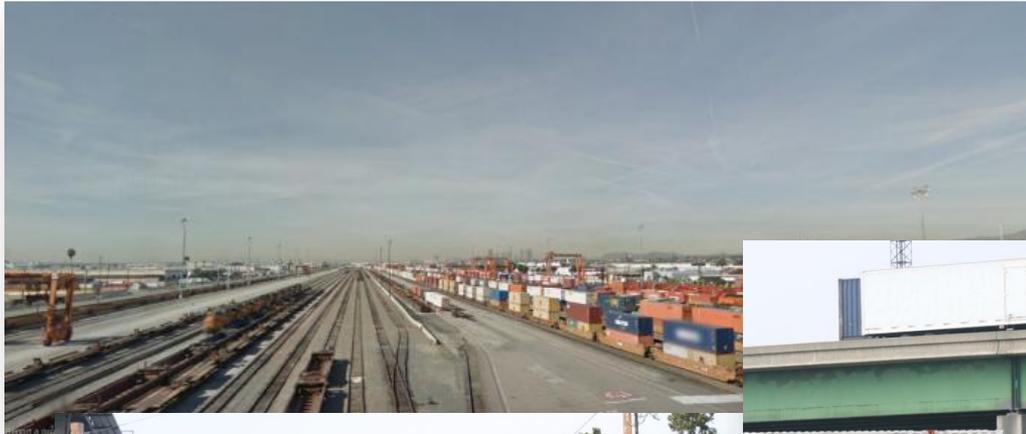


- Crematory



# Boyle Heights Bus Tour (cont.)

- Rail Yards



# Boyle Heights Bus Tour (cont.)

- Rendering Facilities



- Ace Beverage Truck Replacement Project



# Air Quality Assistance in Highly Impacted Areas



## ■ Background

- Clusters of commercial/industrial facilities near residential areas of Boyle Heights
- Some facility clusters may pose significant cumulative health risk to surrounding residents

## ■ Potential Study Issues

- Seek funding opportunities to assist:
  - ❖ Existing businesses with replacement of older, high-emitting equipment, pollution prevention, etc.
  - ❖ New businesses with state-of-the-art air pollution control
- Focus on businesses near residential and sensitive receptors

# Template for Model Air Quality Facilities

---

- Background
  - Some businesses may not be aware of air pollution controls, pollution prevention, and other options that can minimize or eliminate exposure to toxic air contaminants or odor nuisances
- Potential Study Issue
  - Identify one or two industry categories and develop a “model air quality facility” that includes:
    - ❖ State-of-the-art air pollution controls
    - ❖ Pollution prevention options
    - ❖ Housekeeping measures
  - Develop templates for new and existing facilities

# Community Spray Booth

---

## ■ Background

- AQMD staff has received comments regarding open spray painting of vehicles in residential areas
- Community Spray Booth on Herbert and Olympic is available to the public



## ■ Potential Study Issues

- Work with Community Spray Booth to better understand utilization of spray booth by public
- If concept of “community spray booth” is desired, look for new opportunities and partnerships

# 99 Cents Only Stores Warehouse

## ■ Background

- 880,000 square foot warehouse on Union Pacific Ave
- Located near residential neighborhood
- Diesel delivery trucks expose residents to diesel particulate matter (DPM), a carcinogen



## ■ Potential Study Issues

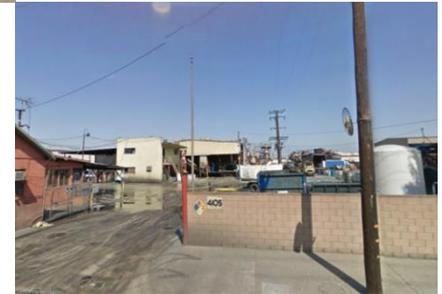
- Work with facility to:
  - ❖ Understand current operations
  - ❖ Investigate measures to reduce exposure to DPM from delivery trucks



# Rendering Facility Odors

## ■ Background

- Four rendering facilities
  - ❖ Baker Commodities
  - ❖ Darling International
  - ❖ Clougherty Packing/Farmer John
  - ❖ West Coast Rendering/D&D Services



- Odors noticeable in Boyle Heights
- Rendering odors can travel long distances

## ■ Potential Study Issues

- Ways to minimize odors from rendering operations
- Possible rule development



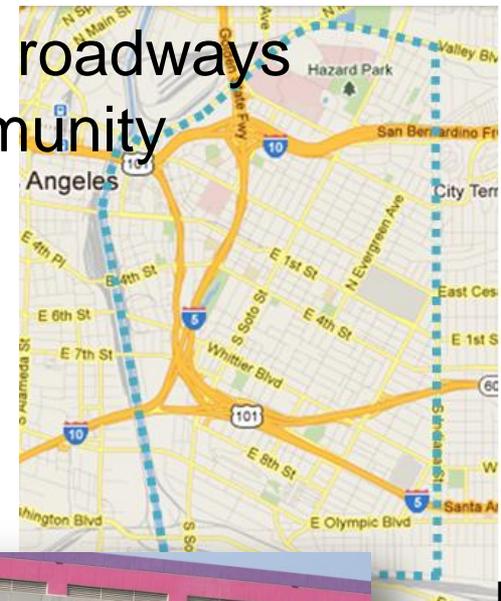
# Proximity of Community to Freeways and Major Roadways

## ■ Background

- Four major freeways surround Boyle Heights
- Diesel truck travel on freeways and major roadways serving rail yards and businesses in community
- Health effects in community from exposure to DPM emissions

## ■ Potential Study Issues

- Investigate ways to minimize exposure to residential and sensitive receptors
  - ❖ Weatherization of homes near freeways
  - ❖ Truck routes
  - ❖ Clean truck program



# Facility Identification

---

- Background
  - During tour, found unmarked businesses
  - Initial review of businesses on Union Pacific showed that a number of businesses currently do not have AQMD permits
  - Additional information about facilities is needed to confirm if operations require AQMD permits
- Potential Study Issues
  - Focus on one or two streets to confirm if unmarked facilities require AQMD permits



# Next Steps

---

- Next meeting

September 18, 2012

3:30 PM to 5:30 PM

Salesian High School